

10/523485  
Rec'd PCT/PTO 04 FEB 2005

Express Mail Label No. ER533372476US

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.:

Filed:

International Application No.: PCT/US03/24451

International Filing Date: 05 August 2003 (05.08.03)

Priority Date Claimed: 05 August 2002 (05.08.2002)

Title of Invention: System of Finite State Machines

Applicant: CAMPBELL, John and STILES, Gardiner S.

Group Art Unit:

Examiner:

Customer No.: 31198

Attorney Docket No.: PCAMJ-FSM-PCT

**Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.27(a))**

I hereby declare John Campbell and Gardiner S. Stiles each qualifies as a person—and, therefore, a small entity—as defined in 37 CFR 1.27(a)(1) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled System of Finite State Machines Cargo Box for a Vehicle described in application no. PCT/US03/24451, with an international filing date of 05 August 2003 (05.08.03).

Dr. Campbell and Dr. Stiles have not assigned, granted, conveyed, or licensed and are under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any entity which could not be classified as a small entity under 37 CFR 1.27(a).

Each person, concern, or organization to which they have assigned, granted, conveyed, or licensed or are under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

no such person, concern, or organization.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.27(g)).

DATED this 4<sup>th</sup> day of February, 2005.

Thompson E. Fehr

Thompson E. Fehr  
Registration No. 31353

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Goldenwest Corporate Center  
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Telephone No.: (801) 393-6292

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Approved for use through 11/30/2005. OMB 0651-0035  
GSA GEN. REG. NO. 27, 17 CFR 201.47(b)(2) (11-04)

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**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	
Filing Date	
First Named Inventor	CAMPBELL, John
Title	System of Finite State Machines
Art Unit	
Examiner Name	
Attorney Docket Number	PCAMJ-FSM-PCT

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

 Practitioners associated with the Customer Number:

31198

OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The address associated with the above-mentioned Customer Number:

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OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature	Gardiner S. Stiles	Date	2/3/2005
Name	Gardiner S. Stiles	Telephone	(435) 787-1629
Title and Company	Professor Utah State University		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (11-04)

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**POWER OF ATTORNEY  
and  
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Application Number	
Filing Date	
First Named Inventor	CAMPBELL, John
Title	System of Finite State Machines
Art Unit	
Examiner Name	
Attorney Docket Number	PCAMJ-FSM-PCT

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I hereby appoint:

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OR

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Name	Registration Number

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City

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Country

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I am the:

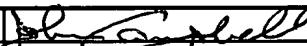
Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Signature



Date

2-3-05

Name

John Campbell

Telephone

(801) 731-4302

Title and Company

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of 2 forms are submitted.

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PTO/SB/01 (09-04)

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted With Initial Filing      OR       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	PCAMJ-FSM-PCT
First Named Inventor	CAMPBELL, John
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**System of Finite State Machines**

*(Title of the Invention)*

the specification of which

is attached hereto

**OR**

was filed on (MM/DD/YYYY) 08/05/2003 as United States Application Number or PCT International

Application Number PCT/US2003/024451 and was amended on (MM/DD/YYYY)   (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## **DECLARATION — Utility or Design Patent Application**

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Name				
Address				
City		State		ZIP
Country		Telephone		Fax
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>				
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname	
John			Campbell	
Inventor's Signature 				Date 2-3-05
Residence: City Plain City	State Utah	Country UT	Citizenship United States of America	United States of America
Mailing Address 3750 West 1975 North				
City Plain City	State Utah	Zip 84404	Country United States of America	United States of America
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname	
Gardiner S.			Stiles	
Inventor's Signature 				Date 3 Feb. 2005
Residence: City Providence	State Utah	Country UT	Citizenship United States of America	United States of America
Mailing Address 545 Sego Lily Lane				
City Providence	State Utah	Zip 84332	Country United States of America	United States of America
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.				